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Newsletter Committee

Kristen Berg
Josh Ellis
Toni Ice
Tonya Reidy
Missy Weiss
Sarah Wittmann



2011 LCDU HOLIDAY PARTY

Please check your work site information board for upcoming information on the Department's Annual Holiday Gathering.

East Water [Bacon Road] Treatment Plant, Planning and Expanding for the Future



The EWTP is currently undergoing a treatment plant production upgrade to increase approved plant capacity by 50 percent. This will meet future demands and possible bulk water sales to neighboring communities. The EWTP has a current design rating of six million gallons per day (6-MGD); when all work is completed, it will have a new approved capacity of nine million gallons per day (9-MGD).

Conceptual planning began in 2002. Treatment process expansion methods were evaluated comparing conventional treatment and high rate technology. Conventional treatment is the addition of individual treatment tanks and filters. High rate technology reconfigures filter media and under-drains in the filter boxes and utilizes tube settlers in the sedimentation tanks. The conclusion was that LCDU could save several million dollars in construction costs utilizing high rate technology. Pre-approval plans were submitted to the Ohio EPA Columbus office and were approved with a few minor modifications.

Testing was conducted over one year in two week increments for seasonal conditions. Three different filter media arrangements were used to determine the best water quality and most efficient filter run lengths. Upon completion of the filter study, the data was analyzed and results submitted for OEPA review. The EWTP received approval to construct the highest approved filtration rate filters in Ohio.

An additional cost saving measure is the utilization of tube settlers. This will double the capacity of the sedimentation process without the need to build additional tanks. This will involve the demolition of existing troughs and support columns, the construction of new relocated columns, bracing and tubes resulting in a more efficient technique to remove suspended solids from the treated water.

With higher plant flows in the future, production of plant residuals (sludge) will increase. This required us to evaluate how they would be handled and the impact they will have on our NPDES permit. To this end, two new up-flow sludge thickeners with a polymer feed system are being added to the treatment processes, minimizing the outfall impact to the environment (McKinley Creek and Lake Erie) while lengthening the time required to clean our two lagoons. (continued on next page)

In addition to increasing approved plant capacity by 50 percent, several other improvements are being completed during the project. These include: spill containment upgrades to the chemical storage room and day tank areas, filter polymer feed system to replace 55 gallon drum at the sedimentation tanks, enclosing the carbon storage area with explosion release panels and replacing two raw water pumps with variable frequency drive units.

Submitted by: Rick Douglas, EWTP Superintendent



Introducing Our Newest Employees...



Jack Yahner
Maintenance
GLK Wastewater Reclamation Facility



Mike Martin
Laborer
West Water Service Center



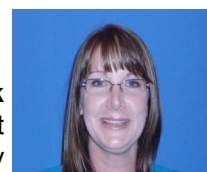
Josh Laurenty
System Maintenance
West Water Service Center



Richard Inghram
System Maintenance
West Water Service Center



Andrew Kuhn
Maintenance
East Water Service Center



Kristen Fink
Superintendent
Solid Waste Facility

...stay tuned for their interviews in future newsletters

LCDU Changes...

Scott McGlothlin - Supervisor, Madison Wastewater Treatment Plant



Our own **Sylvia Lindrose** at the Stout Grove National Redwood Forest in Crescent City, CA

Teddy Roosevelt Tree



NEW ARRIVALS



Mike Stephens, East Water Service Center - "**Luke**" born 1/17/2011

Bill McGonnell, West Water Service Center - "**Kateland**" born 6/30/11

Josh Ellis, Billing/Engineering Group - "**Averie Mae**" born 7/26/11

Meet Our New Employee — Ray Welch

Q: Where did you grow up and go to school?

A: I grew up in Madison and still live there with my wife Jen and daughter Raegen.

Q: Do you have any family in the area?

A: My mom, brother and sister live in Madison.

Q: Briefly describe your past work experience?

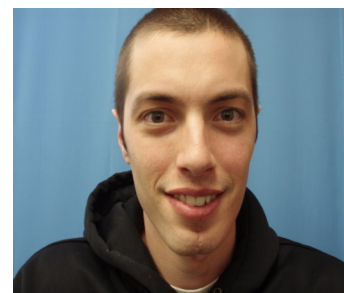
A: I worked at the Lake County Garage as a Mechanic's Helper and Parts Manager.

Q: What's currently your favorite TV show?

A: House or Lie to Me.

Q: What are your favorite hobbies or interests?

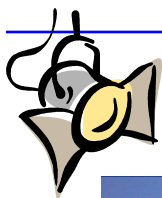
A: Spending time with my daughter, working out, drag racing at Thompson Raceway and my 1980 Chevy Camaro.



Ray Welch

Laborer

Aquarius Water Treatment
Plant



Employee Spotlight — Skip Rigby

Dave "Skip" Rigby started working in the Engineering Department in 2000 and is currently an Inspector III. Skip does field inspections of sewer and water line installations, inside survey work, coordinates smoke testing, assists in I & I Investigations, monitors televising of problem areas and many various duties. Skip is a solution oriented team player, reliable and available at all times, making him a valuable asset to our team.

Submitted by: Dave Woodford, Inspection Supervisor

Q: Do you have family in the area?

A: All my family is in the area. I have 4 brothers & 1 sister. My wife of 40 years, Linda, & I have a daughter, Missy.

Q: Do you like to collect anything?

A: I collect model trains & NASCAR items.

Q: Do you have any hobbies or interest?

A: I enjoy being outdoors. My wife & I go for walks on the 110 acres behind us & watch the eagles. I also enjoy watching sports, especially the Cleveland Indians. My wife and I like to travel & go to wineries.

Q: Where did you grow up and go to school?

A: I grew up in Painesville Township, graduated from Riverside & attended Lakeland Community College.

Q: What would you say is your least favorite household chore?

A: I do not like cleaning toilets. My favorite is mowing the grass and working in my garage.

Q: What is your favorite after work activity?

A: I love to go to the beach with my wife, eat dinner and watch the sunset.

Q: Do you have any pets?

A: We have 2 cats Sheba & Sadie.

Q: What would you say is the most interesting place you have been?

A: The most interesting place I've been to is the Old Rock Quarry in Louisburg, Ohio. It was really interesting to see how the tunnels were laid out and mined. I got to see all the tunnels on a Halloween hay ride which was really fun.

Q: What's the best entertainment you've attended?

A: I go and watch a NASCAR race once or twice a year – the race day atmosphere is the best! My favorite track is Charlotte, NC.

Q: What do you like most about your position/job?

A: I enjoy the diversity of the job and the people I work with. Every day is different and I get to meet some great people.

Q: What is your favorite food?

A: My favorite food is spaghetti with anything – sausage, meatballs, anything!

Q: What's currently your favorite TV show?

A: I like to watch the original CSI & the new show Hawaii-50.

LCDU Anniversaries (October - December 2011)

10 Year

Mary Jo Valaitis 11/26

15 Year

Dee Hine 11/12

20 Year

Frank Martin 10/24

30 Year

Toni Ice 11/2

Cyril Land 11/24

Happy Anniversary

LCDU Retirees (July - September 2011)

Dave Ivans - 28 years

Keith Maddox - 30 years



We appreciate your many years of service and dedication. We extend our sincere congratulations and wish you the best!

LCDU Birthdays (October - December 2011)

OCTOBER BIRTHDAYS:

Mike Mospens	10/1
Frank Zalek	10/5
Jim Binns	10/6
Jeff Urban	10/7
Rick Inghram	10/14
Clint Gockerell	10/15
Kristen Fink	10/16
Tom Rigby	10/16
Kerry Troy	10/16
Doug Breach	10/17
Rich Hazen	10/17
Al Saari	10/18
Mark Rhoades	10/19
Jeff Soeder	10/20
John Diemert	10/21
Tiffany Ducksworth	10/22
Chris Hodges	10/23
Bill Hill	10/24
Kristen Berg	10/29
Trevor Long	10/30
Connie Strickland	10/30

NOVEMBER BIRTHDAYS:

Beth Hripko	11/1
Mike Shack	11/2
Scott McGlothin	11/4
Joe Elmore	11/7
Missy Weiss	11/7
Brian Rihtar	11/10
Rick Miklaucic	11/19
Steve Seaman	11/19
Bill Simone	11/23
Joe Misosky	11/27
Scott Reed	11/27

DECEMBER BIRTHDAYS:

Maryhelen Gilkey	12/4
Dave Baum	12/6
Mike Melnyk	12/6
Ken Overbaugh	12/9
Tom Moviel	12/13
Skip Rigby	12/13
Joe Abel	12/14
Carol Chase	12/14
Nancy Perkins	12/15
Debra Roberts	12/17
Ray Welch	12/18
Lori Ross	12/21
John Spuzzillo	12/21
Tom Hanes	12/22
Jim Adams	12/24
Pat Bush	12/30

